40

L2

W

L1

2C

Figure 2 SRE Spiral Flow Cartridge

water flow
direction

16

12

10

A

20

14

30

B

water flow
direction

14

16

2B

2A

FIGURE 3

Phenol Contamination in Water + Air (Oxygen)

Free-Cell Bacteria

Bacteria Self-Attached to Biosupport Sheet

Bacteria Entrapped Within Gel Beads

$CO_2 + H_2O$ + Intermediates + Less Phenol Contamination in Water

A   Direction of flow   B